

Snap Mount Type Aluminum Electrolytic Capacitor

ZLR series

Useful of 5,000 hours at 105°C



Features

UPGRADE!

- ◇ ZLR series has higher ripple current (ave 30%) compared with ZL series. These features are accomplished by low ESR material.
- ◇ This series is specialized in reducing ESR in the high-frequency region by the development of anode foil.

Product Specifications

Items	Specifications
Temperature range	-40~+105°C
Rated voltage	400, 450V.DC
Dissipation factor (tanδ)	Max. 0.20 (20°C, 120Hz)
Leakage current	0.02CV (µA) or 3 (mA) , whichever is smaller or less (20°C, after 5 minutes) C = nominal capacitance (µF) , V = rated voltage (V)
Endurance	After the rated voltage with specified ripple current is applied at 105°C for 3,000 hours : Capacitance change : Within ±20% of the initial value Dissipation factor : Not more than 200% of the initial value Leakage current : Not more than initial value specified

Ripple current correction coefficient

■ Temperature correction coefficient

Temperature (°C)	60	70	85	105
Correction coefficient	1.9	1.7	1.4	1.0

■ Frequency correction coefficient

Frequency (Hz)	50 / 60	120	300	1k	10k≤
Correction coefficient	0.7	1.0	1.3	1.5	1.6

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